2181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stephen J. Brown et al.	Attorneys' Ref. P213560
Serial No.:	09/780,316	Art Unit: 2181
Filing Date:	02/09/2001	
Title:	REMOTE GENERATION AND DISTRIBUTION OF COMMAND PROGRAMS FOR PROGRAMMABLE DEVICES	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Supplemental Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent. Citation of a reference in this Information Disclosure Statement is not an admission that the reference is prior art to the present invention.

Enclosed is a check for $180. for the 1.97(p) fee. It is believed that no other fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

REMARKS

U.S. Patent No. 4,769,771 to Lippmann et al. discloses a multiprocessor computer system. This system defines a mailbox space for each super processor where other processes can write but only the associated super processor can read.

U.S. Patent No. 6,546,436 to Fainmesser et al. discloses an interface for programmable toys. The interface system employs an RF frequency, and a number of computers may use the same RF frequency without interference.

U.S. Patent No. 5,724,074 to Chainani et al. discloses a system for programming mobile toys. This system employs graphical representations of features of the toy along with a grid. The user generates and instructions set for the toy using the graphical elements and grid.

U.S. Patent No. 6,497,606 to Fong et al. discloses remotely programmable toys such as dolls that perform a sequence of actions in response to one another.

U.S. Patent No. 6,290,565 to Galyean III et al. discloses a three dimensional toy that may be controlled using a computer. In particular, the toy comprises a toy body to which accessory parts are added. A computer is notified each time and accessory part is added or removed to the body.

U.S. Patent No. 6,012,961 to Sharpe et al. discloses an electronic toy having a data storage device that allows the user to download program information thereto. The program information can be used to control movement of the toy.

U.S. Patent No. 6,309,275 to Fong et al. discloses interactive talking dolls that perform actions in response to one another. A wireless signal allows the toys to signal each other to allow them to perform actions that appear responsive to earlier actions by the other toy.

U.S. Patent No. 4,923,428 to Curran discloses an interactive talking toy. Programmable material operates the toy and is selected by a human's response to questions asked by the toy. The program material controls movement of the toy's parts in concert with the audio program being reproduced.

U.S. Patent No. 6,083,104 to Choi discloses a programmable toy or novelty item. A keyboard connects to the body to set up any one of multiple different motions allowed by the toy.

U.S. Patent No. 5,390,304 to Leach et al. discloses an apparatus for processing block constructions in a data processor.

U.S. Patent No. 4,987,537 to Kawata discloses a memory access system for a computer that allows the use of addresses that are shorter than what is required for the memory.

U.S. Patent No. 6,678,713 to Mason et al. discloses the use of registered, reference lock, and scheduler lock constructs to allow event based terms to be integrated with task based constructs.

U.S. Patent No. to a6,442,451 to Lapham discloses a control system for robotic systems comprising a general purpose computer and a real time computer subsystem. The real time computer subsystem repeatedly calculates a required activation signal from a position signal and a required position for a mechanical joint of a robot.

U.S. Patent No. 6,301,634 to Gomi et al. discloses a robot controller using a personal computer and PC operating system having a preemptive multitasking function. An external timer generates interrupt signals at time intervals that allow for real time processing. Events are detected in synchronization with the interrupt signals. The operating system switches to a task associated with the detected event.

U.S. Patent No. to 6,031,973 to Gomi et al. discloses a robot drive controller in which events are detected at fixed time intervals suitable for real time processing. An event drive directs a task switching means of an operating system to switch to an appropriate task upon detection of the given event. The events to which the system responds include changing hardware sources, input data group, and output data group.

U.S. Patent No. 5,805,785 to Dias et al. discloses a system that monitors interdependent systems in a distributed/clustered system and allows recovery of such interdependent systems. The monitoring process is performed by detecting events that are sent to event handlers. The events are filtered, and an appropriate recovery program corresponding to the event is executed.

U.S. Patent No. 5,754,855 to Miller et al. discloses a system for processing events signifying a condition on a computer system. If the user specified event processing procedure is registered, that procedure is used to process the event.

U.S. Patent No. 5,625,821 to Record et al. discloses a computer operating system for managing events defined by an application program. An application program signals an event manager after an occurrence of a defined event. The event manager determines how to respond based on the event definition.

U.S. Patent No. 4,800,521 to Carter et al. discloses a task control manager for use in a multiprocessor machine. Multiple tasks running on the processors are

operated based on start instruction, with a second task starting before execution of the first is complete.

U.S. Patent No. 6,400,996 to Hoffberg et al. discloses an interface system for a programmable device that adapts to a particular user by predicting a desired user function based on history and machine internal status and context.

U.S. Patent No. 6,652,378 to Cannon et al. discloses gaming machines and systems that allow simultaneous play of multiple games.

U.S. Patent No. 6,519,594 to Li discloses a computer implemented method and system for allowing Java classes to be shared among many Java virtual machines. The system includes communication system for allowing Java and native applications to interoperate.

U.S. Patent No. 6,295,530 to Ritchie et al. discloses an internet service for processing differently formatted viewable data signals. A serving device serves output signals to a plurality of browsing devices connected to a network. This system identifies requests from browsing clients that contain information relating to the data and/or the display format for the data. The data is read and processed to combine a representation of the viewable data with executable instructions. The signals are assembled as real time on line processes and supplied to requesting browsing devices.

U.S. Patent No. 6,288,716 to Humpleman discloses a commanding control system for all networks using a browser based interface. A browser running on one home device connected by a network to other home devices can be used to control the other devices over the network.

U.S. Patent No. 6,571,141 to Brown discloses a security system for controlling access to motion control systems.

U.S. Publication 2003/0069998 to Brown et al. discloses a motion system having a motion services module that generates a motion command based on a motion API command generated by a motion URL protocol handler.

U.S. Publication 2002/0177453 to Chen et al. discloses a system that allows mobile devices and protocols to communicate with each other. A component referred to as a let engine communicates with devlets, infolets, and applets.

CONCLUSION

The Applicant respectfully submits that these references, taken alone or in combination, neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington, this 2nd day of September, 2004.

Respectfully submitted,

Stephen J. Brown et al.

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CERTIFICATE OF MAILING
37 C.F.R. §1.8

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	09/780,316
Filing Date	02/09/2001
First Named Inventor	David W. Brown
Group Art Unit	2181
Examiner Name	J. Follansbee
Attorney Docket Number	P213560

U.S. PATENT

Examiner Initials*	Cite No.[2]	U.S. Patent Document Number	Kind Code[2]	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,769,771		Lipmann et al.	09-1988	
		6,546,436		Fainmesser et al.	04-2003	
		5,724,074		Chainani et al.	03-1998	
		6,497,606		Fong et al.	12-2002	
		6,290,565		Gaylean III et al.	09-2001	
		6,012,961		Sharpe et al.	01-2001	
		6,309,275		Fong et al.	10-2001	
		4,923,428		Curran, Kenneth J.	05-1990	
		6,083,104		Choi, Kei Fung	07-2000	
		5,390,304		Leach et al.	02-1995	
		4,987,537		Kawata, Kazuhide	01-1991	
		6,678,713		Mason et al.	01-2004	
		6,442,451		Lapham, John R.	08-2002	
		6,301,634		Gomi et al.	10-2001	
		6,031,973		Gomi et al.	02-2000	
		5,805,785		Dias et al.	09-1998	
		5,754,855		Miller et al.	05-1998	
		5,625,821		Record et al.	04-1997	
		4,800,521		Carter et al.	01-1989	
		6,288,716		Humpleman	09-2002	

FOREIGN PATENT

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Number	Kind Code[5] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T[6]

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Sheet 2 of 2

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Examiner Name	J. Follansbee
Attorney Docket Number	P213560

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		6,571,141		Brown	05-2003	

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		US pub. No. 2003/0069998 to Brown et al.	
		US pub. No. 2002/0177453 to Chen et al.	

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